

4-24-01  
UTILITY PATENT APPLICATION TRANSMITTAL

(for Noncontinuing, Nonprovisional  
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 12-1118

04/23/01  
JC976 U.S. PTO  
09/840545  
04/23/01

04/23/01  
J1025 U.S. PTO  
PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing  
under 37 C.F.R. §1.53(b) is the  
nonprovisional, noncontinuing  
patent application for:

Title: **Semi-Physical Modeling of HEMT DC-to-High  
Frequency Electrothermal Characteristics**

First Named Inventor or  
Application Identifier: Tsai

)  
) CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
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) Date of Deposit April 23, 2001  
) I hereby certify that this paper or fee is being  
) deposited with the United States Postal Service  
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) under 37 CFR §1.10 on the date indicated above and  
) is addressed to the Commissioner of Patents and  
) Trademarks, Washington, D.C. 20231.

) Molly M. Michaels  
) (Typed or printed name of person mailing)  
) Molly M. Michaels  
) (Signature of person mailing)

- (X) 54 pages of the specification (including claims) are enclosed.
- (X) 51 sheet(s) of drawings are enclosed. (X) Formal ( ) Informal
- (X) An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.
- ( ) The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted Oath or Declaration and Power of Attorney (§1.41(a) and §1.53(b)).
- (X) An Assignment(s) of the invention to TRW, Inc., and cover sheet are enclosed.
- (X) A check in the amount of \$ 40.00 to cover the fee for recording the assignment(s) is enclosed.
- ( ) A 37 C.F.R. §3.73(b) Statement is enclosed (where an Assignee seeks to take action in a matter before the Patent Office).
- ( ) An Information Disclosure Statement is enclosed.
- ( ) A Form PTO-1449 is enclosed.

- ☐ References (copies) listed on the Form PTO-1449 are enclosed.
- ☒ A Return Receipt Postcard is enclosed (MPEP §503).
- ☒ Priority of application number 60/200,648 filed on April 28, 2000 in the United States Patent and Trademark Office is claimed under 35 U.S.C. §119.
- ☐ A certified copy of the priority document is enclosed.
- ☐ A MicroFiche Computer Program (Appendix) is enclosed.
- ☐ A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
- ☐ A Computer Readable Copy is enclosed.
- ☐ A Paper Copy (Identical to Computer Copy) is enclosed.
- ☐ A Statement Verifying Identity of above Copies is enclosed.

☒ The filing fee is calculated below:

**Fee Calculation For Claims As Filed**

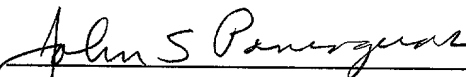
(a) Basic Fee							\$ <u>710.00</u>
(b) Independent Claims	<u>1</u>	-	<u>3</u>	=	<u>0</u>	x	\$ <u>80.00</u> = \$ <u>-0-</u>
(c) Total Claims	<u>10</u>	-	<u>20</u>	=	<u>0</u>	x	\$ <u>18.00</u> = \$ <u>-0-</u>
(d) Fee for Multiple Dependent Claims						\$ <u>270.00</u> =	\$ _____
(e) Basic Design Fee							\$ _____
<b>Total Filing Fee</b>							\$ <u>710.00</u>

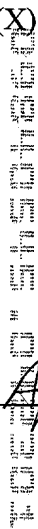
- ☐ Small Entity Status is claimed under 37 C.F.R. §1.27 thus reducing the filing fee to: \$ 710.00
- ☒ A check in the amount of \$ 710.00 to cover the filing fee is enclosed.
- ☐ Charge \$ \_\_\_\_\_ to Deposit Account No. 50-1214.
- ☐ The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.

- ( ) A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in triplicate.
- ( ) Also enclosed:

- (X) Address all future communications to:

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Registration No. 31,051

  
April 23, 2001  
(Date)